

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	12889	ruo or "ruo.sub\$" or "ruo.sub.2" or ruthenium oxide or ruthenate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/04/27 09:40
L2	4654	1 and @pd<"19950529"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/27 09:41
L3	522973	TiN or titanium nitride	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/04/27 09:41
L4	5138	L3 and 1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/27 09:41
L5	1871574	platinum pt	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/27 09:41
L6	3928	4 and L5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/27 09:41
L7	3928	L3 and 6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/27 09:42
L8	3928	7 and L5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/27 09:43

## EAST Search History

L9	11662	ruo or "ruo.sub\$" or "ruo.sub.2" or ruthenium oxide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/04/27 09:43
L10	4287	L9 and @pd<"19950529"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/27 09:43
L11	801	L3 and L10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/27 09:43
L12	519	L11 and L5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/27 09:43
L13	16	dram and L12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/27 09:43
L14	1245	dram and 7 not L13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/27 09:43
L15	34	"5185689" and (Ru ruthenium ruthenate ruthenide) and (Pt platinum) and (tiN titanium adj nitride)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2006/04/27 09:44
L16	95	("5185689" "5554564" "5566045") and (Ru ruthenium ruthenate ruthenide) and (Pt platinum) and (tiN titanium adj nitride)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2006/04/27 09:44

## EAST Search History

L17	30	("4476547"   "5003428"   "5005102"   "5053917"   "5122477"   "5497017"   "5532956"   "5566045"   "5576928"   "5581436"   "5589284"   "5604659"   "5604696"   "5608247"   "5619393"   "5723171"   "5926716"   "5937294"   "5952687"   "5998250"   "6043526"   "6049103"   "6051859"   "6080617"   "6100200"   "6153490"   "6207524"   "6218297"   "6403414"   "6421223").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/27 09:44
L18	18	L17 and (Ru ruthenium ruthenate ruthenide) and (Pt platinum) and (tiN titanium adj nitride)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2006/04/27 09:44
L19	13	("4809225"   "4853983"   "4873644"   "4888733"   "4893272"   "4910708"   "4914627"   "4918654"   "4982309"   "5053917"   "5079200"   "5122923"   "5191510").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/27 09:44
L20	18	("4809225"   "4853983"   "4873644"   "4888733"   "4893272"   "4910708"   "4914627"   "4918654"   "4982309"   "5053917"   "5079200"   "5122923"   "5142437"   "5155658"   "5191510"   "5254217"   "5266558"   "5270298").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/27 09:44
L21	16	("4809225"   "4853983"   "4873644"   "4888733"   "4893272"   "4910708"   "4914627"   "4918654"   "4982309"   "5053917"   "5079200"   "5122923"   "5191510"   "5262920"   "5374578"   "5406447").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/27 09:44
L22	14	("4809225"   "4853983"   "4873644"   "4888733"   "4893272"   "4910708"   "4914627"   "4918654"   "4982309"   "5003428"   "5053917"   "5079200"   "5122923"   "5191510").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/27 09:44
L23	16	("4809225"   "4853983"   "4873644"   "4888733"   "4893272"   "4910708"   "4914627"   "4918654"   "4982309"   "5053917"   "5079200"   "5122923"   "5191510"   "5262920"   "5374578"   "5406447").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/27 09:44

## EAST Search History

L24	16	("4809225"   "4853983"   "4873644"   "4888733"   "4893272"   "4910708"   "4914627"   "4918654"   "4982309"   "5053917"   "5079200"   "5122923"   "5191510"   "5262920"   "5374578"   "5406447").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/27 09:44
L25	5	(L19 L20 L21 L22 L23 L24) and (Ru ruthenium ruthenate ruthenide) and (Pt platinum) and (tiN titanium adj nitride)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2006/04/27 09:44
L26	110	Summerfelt-s\$.in. and (Ru ruthenium ruthenate ruthenide) and (Pt platinum) and (tiN titanium adj nitride)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2006/04/27 09:44
L27	17	("4809225"   "4873644"   "4888733"   "4893272"   "4910708"   "4914627"   "4918654"   "4982309"   "5053917"   "5079200"   "5122923"   "5191510"   "5283204"   "5335138"   "5352622"   "5381302"   "5392189").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/27 09:44
L28	5	L27 and (Ru ruthenium ruthenate ruthenide) and (Pt platinum) and (tiN titanium adj nitride)	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	ON	2006/04/27 09:44
L29	4590	"ruo.sub.2"	US-PGPUB; USPAT	OR	OFF	2006/04/27 09:44
L30	512	ruo	US-PGPUB; USPAT	OR	OFF	2006/04/27 09:44
L31	360	L30 not L29	US-PGPUB; USPAT	OR	OFF	2006/04/27 09:44
L32	522973	TiN or titanium nitride	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	OFF	2006/04/27 09:44
L33	1871574	platinum pt	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/27 09:44
L34	2786	(257/295,298,310).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/27 09:44

## EAST Search History

L35	5	(US-5824563-\$ or JP-07099291-\$ or JP-06085173-\$ or JP-06326250-\$ or JP-08191137-\$).did.	DERWENT	OR	OFF	2006/04/27 09:44
L36	9	"ruo.sub\$"	US-PGPUB; USPAT	OR	OFF	2006/04/27 09:44
L37	512	ruo	US-PGPUB; USPAT	OR	OFF	2006/04/27 09:44
L38	33	(tin titanium adj nitride) same (ruo ruthenium adj oxide) same (platinum pt) and plug and (overetch over-etch overetched over-etched overetching over-etching over adj etch over adj etched over adj etching )	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	OFF	2006/04/27 09:44
L39	8	(tin titanium adj nitride) same (ruo ruthenium adj oxide) same (platinum pt) and plug and "5566045"	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	OFF	2006/04/27 09:44
L40	8	L39 and (etch etched etching )	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	OFF	2006/04/27 09:44
L41	8	(tin titanium adj nitride) same (ruo ruthenium adj oxide) same (platinum pt) and plug and "5566045"	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	OFF	2006/04/27 09:44
L42	9	(tin titanium adj nitride) same (ruo ruthenium adj oxide) same (platinum pt) and "5566045"	US-PGPUB; USPAT; EPO; DERWENT; IBM_TDB	OR	OFF	2006/04/27 09:44
L43	69	hyundai and storage adj electrode adj mask	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/27 09:44
L44	6	hyundai and storage adj electrode adj mask and (tin or titanium adj nitride or barrier ) and (ruo ruthenium adj oxide ruthenate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/27 09:44

## EAST Search History

L45	18	"560087"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/27 09:44
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